

UK Patent Application

(19) GB (11) 2 220 848 (13) A

(43) Date of A publication 24.01.1990

(21) Application No 8817558.3

(22) Date of filing 22.07.1988

(71) Applicant
Mothercare UK Limited

(Incorporated in the United Kingdom)

Cherry Tree Road, Watford, Herts WD2 5SH,
United Kingdom

(72) Inventor
Richard Charles Sparks

(74) Agent and/or Address for Service
A A Thornton & Co
Northumberland House, 303-306 High Holborn,
London, WC1V 7LE, United Kingdom

(51) INT CL⁴
B60N 1/12, A47C 4/00 7/00, A47D 1/02

(52) UK CL (Edition J)
A4L LBLE L108 L109 L147 L303

(56) Documents cited
None

(58) Field of search
UK CL (Edition J) A4J, A4L LAKA LAKF LAL LBBB
LBLB LBLD LBLE LBPB LBPD LBPE LBPT LBRE
LCC LCR, A4M
INT CL⁴ A47C, A47D, B60N

(54) Auxiliary seat

(57) An auxiliary seat, especially for use by children in motor vehicles, is built in three sections (1, 3 and 4) constituting a seat squab, a back rest and a head rest and which are hingedly connected together so that the head rest (4) can be folded rearwardly to lie behind the back rest (3) which can in turn be folded rearwardly to underlie the seat squab (1).

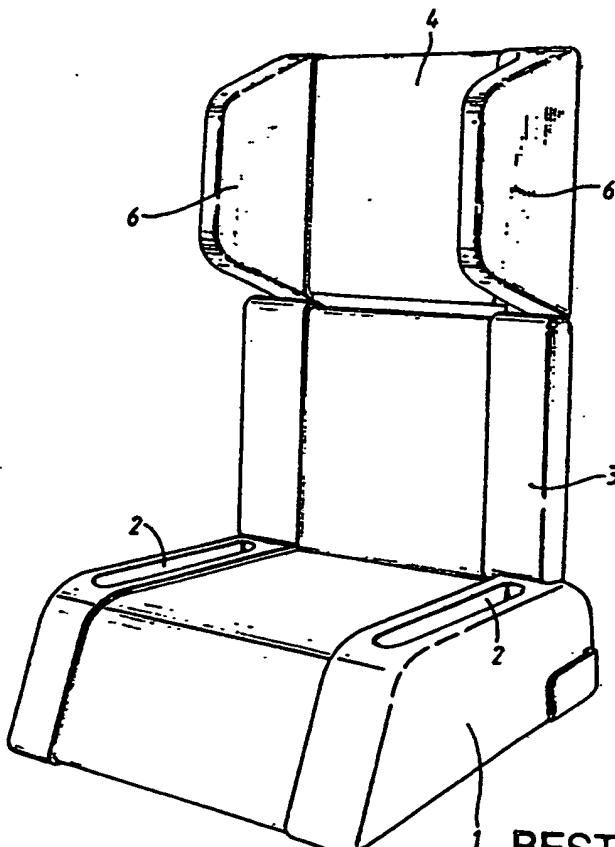


Fig.1.

BEST AVAILABLE COPY

THIS PAGE BLANK (USPTO)

1/3

2220848

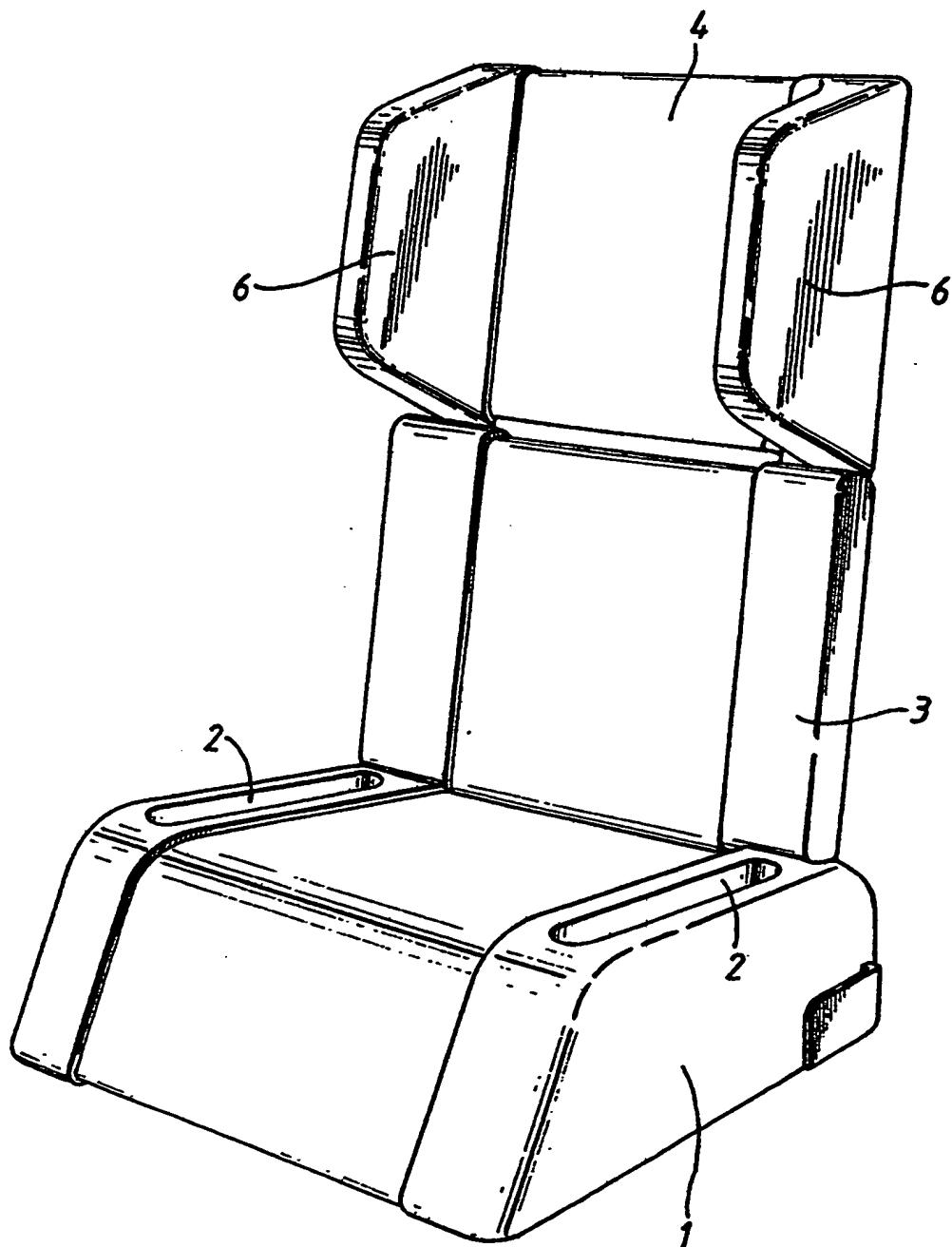


Fig.1.

THIS PAGE BLANK (USPTO)

2/3

2220848

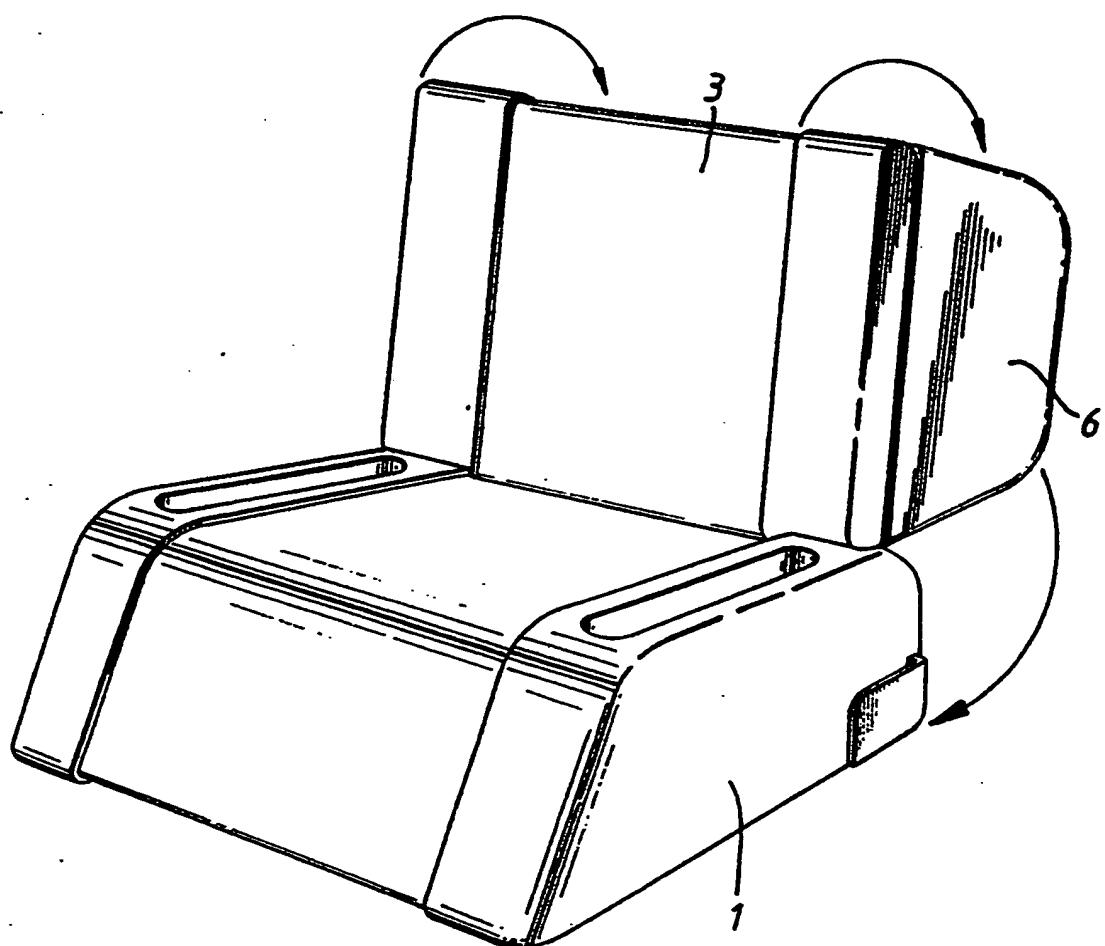


Fig.2.

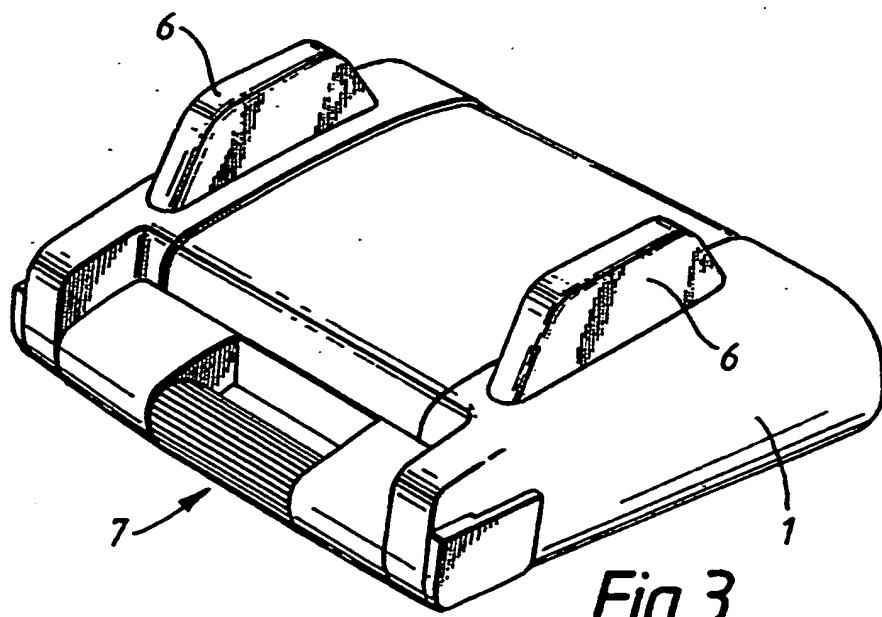
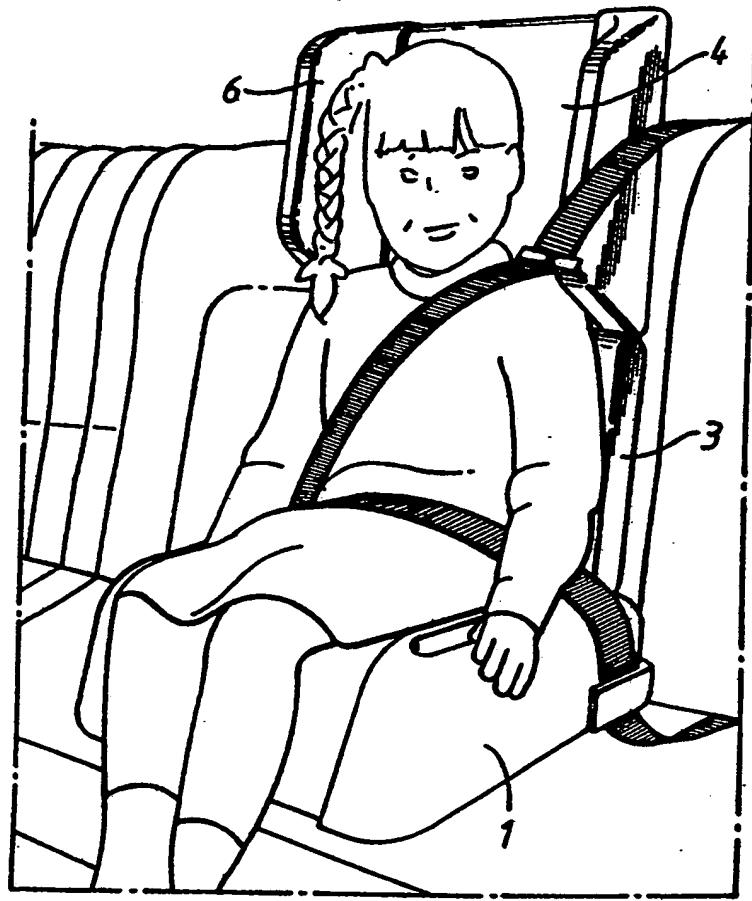


Fig.3.

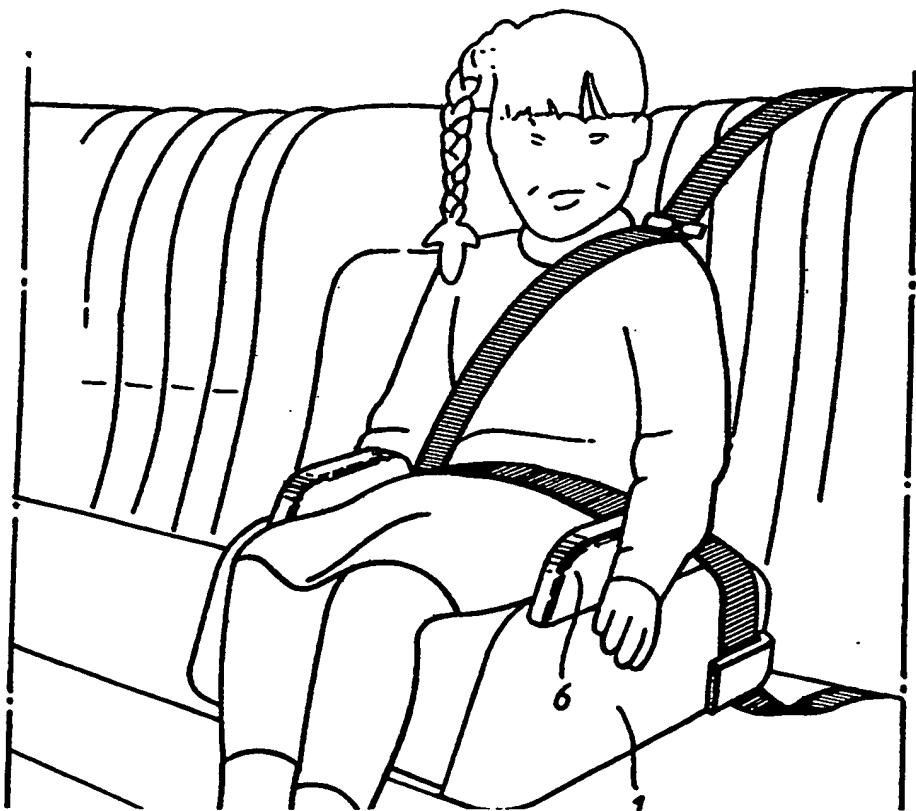
THIS PAGE BLANK (USPTO)

3/3



2220848

Fig.4.



THIS PAGE BLANK (USPTO)

- 1 -

Auxiliary Seats

This invention relates to auxiliary seats for use by children in motor cars or the like.

The invention provides an auxiliary seat which in its erected condition provides a seat squab, back rest and head rest, but which can be folded down for storage and portability and may also be used as a booster seat in its folded condition.

In the embodiment described below, an auxiliary seat comprises three sections, hingedly connected together, namely a seat squab, a back rest and a head rest, the head rest preferably having side wings providing for lateral restraint, the arrangement being such that in the folded position, the back rest and the head rest are disposed under the seat squab, with the wings extending upwardly to project partially above the upper surface of the seat squab.

With this arrangement, the folded seat can be used as a booster seat, which can be placed on a car seat to allow the user to sit at a higher level.

This embodiment will now be described in detail, with reference to the accompanying drawings, in which:

Fig. 1 shows the seat in its erected condition;

Fig. 2 shows it partially folded;

THIS PAGE BLANK (USPTO)

Fig. 3 shows it fully folded; and
Figs. 4 and 5 illustrate use of the seat in
its erected and folded conditions.

5 The auxiliary seat comprises a seat squab 1
having apertures 2 at each side through its complete
thickness, a back rest 3 hinged to the seat squab and
a head rest 4 hinged to the back rest.

The head rest has lateral restraints formed by
side wings 6.

10 In its erected condition the seat is used in
the manner illustrated in Fig. 4.

15 To fold the seat down, the head rest 4 is
folded down behind the back rest 3 to the position
shown in Fig. 2, and then the back rest 3 is folded
back underneath the seat squab 1, the wings 6 entering
and extending through the apertures 2.

20 The folded condition is illustrated in Fig.
3, which is a view from the rear of the seat squab 1
and also shows an integral carrying handle 7 formed in
the seat squab.

25 In its folded condition, the seat may be used
as a "booster" seat, whose use is illustrated in Fig.
5, the projecting ends of the wings 6 providing
lateral restraint. Alternatively, the wings could
extend upwardly along the sides of the seat squab,
rather than through apertures 2.

The auxiliary seat is conveniently formed as
an integral moulding in a rigid or semi-rigid foamed
plastics material.

3 PAGE BLANK (USPTO)

CLAIMS:

1. An auxiliary seat comprising three sections, hingedly connected together, namely a seat squab, a back rest and a head rest, the arrangement being such that head rest can be folded rearwardly to lie behind the back rest, and the back rest can be folded rearwardly to underlie the seat squab, with the head rest sandwiched between the other two sections.
- 5 2. An auxiliary seat according to claim 1, wherein the head rest has side wings providing for lateral head restraint and wherein the forward margins of the said wings project upwardly above the upper surface of the seat squab when the seat is folded up.
- 10 3. An auxiliary seat according to claim 2 wherein the seat squab is formed with apertures through which the wings project in the folded-up position of the seat.
- 15 4. An auxiliary seat according to claim 1, 2 or 3, wherein the seat squab is formed at its rear edge with a carrying handle which is accessible in the folded-up position of the seat.
- 20 5. An auxiliary seat substantially as herein described with reference to the accompanying drawings.

THIS PAGE BLANK (USPTO)

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- BLACK BORDERS**
- IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- FADED TEXT OR DRAWING**
- BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- SKEWED/SLANTED IMAGES**
- COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- GRAY SCALE DOCUMENTS**
- LINES OR MARKS ON ORIGINAL DOCUMENT**
- REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- OTHER:** _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.

THIS PAGE BLANK (USPTO)